

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Luck Lake Site Luck Lake 1592

County <u>First Judicial Division</u> Mer. _____ T. _____ R. _____ Sec. _____ Lat. <u>55 ° 57.8 ' N</u> " Long. <u>132 ° 43.3 ' W.</u> " Miles above mouth _____ Drainage Area <u>23</u> sq. mi. <u>5.96</u> sq. km <span style="margin-left: 150px;"><u>59.6</u></span>	Owner _____ Constructed _____ Storage <u>15,000</u> af <u>18,502,350</u> m <sup>3</sup> Installed capacity _____ mw Installable capacity _____ mw
---	---

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	19	0.5	120	37.1			120	37.1	0.19	
50	178	5.0							1.82	
mean	200	5.7							2.04	14,280

Remarks: **Prince of Wales Island - Craig D-3**

Form 9-1503  
(Feb. 1962)

*Boundary works 9/11*

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Basin Index 777

*13 C D*

WATERPOWER OF THE UNITED STATES

State Alaska Stream \_\_\_\_\_ Luck Lake \_\_\_\_\_ Site \_\_\_\_\_ Luck Lake \_\_\_\_\_

County First Judicial Division  
 Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_  
 Lat. 55 ° 57.8' N " Long. 132 ° 43.3' W. "  
 Miles above mouth \_\_\_\_\_  
 Drainage Area 23 sq.mi. 59.6 sq. km

Owner \_\_\_\_\_  
 Constructed 1850 or 350  
 Storage 15,000 af 3,502.35 m<sup>3</sup>  
 Installed capacity \_\_\_\_\_ mw  
 Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	19	1.5	120	37.1			120	37.1	.194	
50	178	5.0							1.82	1816
mean	200	5.7							2040	14,280

Remarks:

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Craig D-3